

ANNUAL SHELLFISH MANAGEMENT REVIEW
for the period
January 1st to December 31st, 2006

Municipality: Phippsburg

Date: 02/23/07

The Shellfish Conservation Committee submits the following information in partial fulfillment of its responsibilities under Chapter 7 of the Department of Marine Resources Regulations and the Shellfish Conservation Ordinance of this municipality.

Statement of Management Goals and Implementation Actions

The goals of shellfish management for this municipality have been: (check only one of each pair)

- 1) ☐ provide a harvesting opportunity for the maximum number of participants
☒ maximize individual harvest by minimizing the number of participants
- 2) ☒ increase the clam resource through various enhancement activities
☐ maintain a sustainable yield through the vigorous use of production controls
- 3) ☐ provide for recreational harvesting in preference to commercial harvesting
☒ provide for commercial harvesting in preference to recreational harvesting
- 4) ☐ maximize the economic value of the resource by adjusting production
☒ maintain a constant production to provide a steady but variable income

The following management controls were utilized: (check all that apply)

- ☒ limit the number of commercial harvesters
- ☒ limit the number of recreational harvesters
- ☒ restrict times of harvest
- ☒ restrict the areas of harvest
- ☐ limit the amount of commercial harvest
- ☒ limit the amount of recreational harvest
- ☐ other:

The following management activities were undertaken: (check all that apply)

- ☐ predator protection through fencing, netting, trapping and etc.
- ☒ reseeding from high density areas or seeding with hatchery stock
- ☒ flat surveys to determine size distribution and density
- ☐ harvester surveys to obtain catch and effort data
- ☐ enhance natural seeding through brushing, roughing and etc.
- ☒ establishing conservation areas for flat rotation
- ☐ other:___

Shellfish Committee/Staff**Municipality:** Phippsburg

Title	Name	Mailing Address	Telephone
Chair	<u>Richard Lemont</u>	<u>24 Lemont Way, Phippsburg, 04562</u>	<u>389-2105</u>
Vice Chair	<u>Terry Watson</u>	<u>106 Clifford Rd., Phippsburg, 04562</u>	<u>443-3165</u>
Secretary	<u>Robert Cummings</u>	<u>616 Main Road, Phippsburg, 04562</u>	<u>443-2925</u>
Member(s)	<u>Steve Freeman</u>	<u>38 Deerhaven Drive, Phippsburg, 04562</u>	<u>389-1892</u>
	<u>Dean Doyle</u>	<u>89 Fuller Mtn Rd, Phippsburg, 04562</u>	<u>389-2607</u>
	<u>Stephen Warner</u>	<u>PO Box 172, Phippsburg, 04562</u>	<u>443-1354</u>
	<u>Russell Smith</u>	<u>PO Box 206, Phippsburg, 04562</u>	<u>389-9103</u>
Selectmen/ Council Rep.	<u>Alan Douglass</u>	<u>525 Main Rd, Phippsburg, 04562</u>	<u>443-2645</u>
Wardens	<u>Douglass Alexander</u>	<u>24 Richardson Dr, Phippsburg, 04562</u>	<u>443-3114</u>
WQSpec(s)	<u>Richard Lemont</u>	<u>24 Lemont Way, Phippsburg, 04562</u>	<u>389-2105</u>

Committee Meetings

The Shellfish Committee holds regularly scheduled meetings: ☒ yes ☐ no

The following number of meetings was held during the past year: 10

Minutes of meetings are recorded, filed and are available upon request: ☒ yes ☐ no

Conservation Credit

The opportunity to obtain conservation credit is provided: ☒ yes ☐ no

The total number of conservation hours needed to obtain credit is 12.

Conservation credit is required to obtain a: ☒ renewal license

☐ new license

Conservation hours are given for:

<input checked="" type="checkbox"/> meeting attendance	<input checked="" type="checkbox"/> coastal cleanup	<input checked="" type="checkbox"/> brushing
<input type="checkbox"/> committee service	<input checked="" type="checkbox"/> surveys	<input checked="" type="checkbox"/> predator control
<input checked="" type="checkbox"/> educational activities	<input checked="" type="checkbox"/> reseeding	<input type="checkbox"/>

If conservation credit is not provided, the total number of volunteer man-hours documented for management activities during the past year is

Summary of Warden ActivitiesMunicipality: Phippsburg

Hours Patrolled:	<u>467</u>
Diggers Checked:	<u>449</u>
Warnings Given:	<u>5</u>
Summon Issued:	<u>0</u>
Court Appearances:	<u>0</u>
Convictions:	<u>0</u>

Enforcement of the shellfish management ordinance has been: ☒ satisfactory
☐ unsatisfactory

Enforcement could be improved by: ☒ more hours patrolled ☐ better training
☐ more wardens ☐ greater state support
☐ better equipment ☐ other:

The warden is provided with a written job description: ☒ yes ☐ no

Production Data Collected by the Warden

Month	Avg. Daily Catch/Digger		Avg. # of Diggers/Day		Total # of Days Dug		Total Lbs [] or Bu <input checked="" type="checkbox"/>
January	<u>1.5</u>	X	<u>3</u>	X	<u>31</u>	=	<u>139.5</u>
February	<u>1</u>		<u>3</u>		<u>28</u>		<u>84</u>
March	<u>1.5</u>		<u>4</u>		<u>31</u>		<u>186</u>
April	<u>1.5</u>		<u>3</u>		<u>30</u>		<u>135</u>
May	<u>2</u>		<u>4</u>		<u>10bc</u>		<u>80</u>
June	<u>2</u>		<u>5</u>		<u>6c</u>		<u>60</u>
July	<u>2.5</u>		<u>5</u>		<u>23c</u>		<u>287.5</u>
August	<u>3</u>		<u>6</u>		<u>31</u>		<u>558</u>
September	<u>2</u>		<u>5</u>		<u>30</u>		<u>300</u>
October	<u>1.5</u>		<u>4</u>		<u>30b</u>		<u>180</u>
November	<u>1.5</u>		<u>4</u>		<u>29b</u>		<u>174</u>
December	<u>1</u>		<u>3</u>		<u>31</u>		<u>93</u>
					TOTAL		<u>2,277</u>

Warden(s)**Training Date****Nomination Date**Douglass Alexander04/29/0504/06/06

Shellfish Conservation Budget**Municipality:** Phippsburg

License Receipts	Allocation	Sold	Received
<i>Commercial</i>			
Resident	31	31	\$4,650
Nonresident	4	4	\$1,200
Senior Resident			\$0
Senior Nonresident			\$0
Junior/Student Resident	5	5	\$250
Junior/Student Nonresident	0	0	\$0
Other: N/A			\$0
<i>Recreational</i>			
Resident	600	180	\$2,700
Nonresident	60	41	\$820
Daily/Weekly/Monthly Res.			\$0
Daily/Weekly/Monthly Nonres.			\$0
Senior Resident			\$0
Senior Nonresident			\$0
Junior/Student Resident			\$0
Junior/Student Nonresident			\$0
Other: N/A			\$0
SUBTOTAL (1)			\$9,620
Receipts Independent of License Fees			
Shellfish Conservation Account Carried Forward			\$4,237
Funds Raised for Warden			\$0
Funds Raised for Management Activities			\$0
Fines			\$0
Other			\$0
SUBTOTAL (2)			\$4,237
TOTAL Receipts (1+2)			\$13,857
Disbursements			
Warden Salary			\$4,788
Mileage			\$2,226
Clothing			\$191
Equipment			\$0
Training			\$0
SUBTOTAL (3)			\$7,205
Advertising			\$63
Supplies			\$0
Surveys			\$0
Seeding			\$0
Miscellaneous			\$1,325
SUBTOTAL (4)			\$1,388
TOTAL Disbursements (3+4)			\$8,593

Management Activities by Flat**Municipality:** Phippsburg

The following is a list of clam harvest areas in which management activities were conducted during the past year and the dates when they occurred. [] No activities were conducted.

Harvest Area	Clam Survey	Seed/Reseed	Predator Control	Brushing/Roughing	Conservation Closure
<i>Drummore Bay</i>	<i>5/20</i>				
<i>Brighams Cove</i>	<i>5/20</i>				
<i>Mill Dam (Inside)</i>	<i>5/20</i>				
<i>Mill Dam (Outside)</i>	<i>5/20</i>				
<i>Pole Point</i>	<i>5/20</i>				
<i>Thistles Cove</i>	<i>5/20</i>				
<i>Back Cove</i>	<i>5/20</i>				
<i>Falls Cove</i>	<i>5/20</i>				
<i>Yorks Point East</i>	<i>5/20</i>				
<i>Yorks Point West</i>	<i>5/20</i>				
<i>Deckers Cove</i>	<i>5/20</i>				
<i>Round Cove</i>	<i>10/13</i>				
<i>North Creek</i>	<i>10/13</i>				
<i>Lobster House Cove</i>	<i>10/13</i>				
<i>Mill Dam (Inside)</i>					<i>1/1 - 12/15</i>
<i>The Branch</i>		<i>5/21</i>			
<i>The Branch</i>		<i>6/16</i>			

Proposed Management Controls

Municipality: Phippsburg

The following management controls will be utilized for the coming year: (check all that apply)

- ☒ limit the number of commercial harvesters
- ☒ limit the number of recreational harvesters
- ☒ restrict times of harvest
- ☒ restrict the areas of harvest
- ☐ limit the amount of commercial harvest
- ☒ limit the amount of recreational harvest
- ☐ other:

Proposed Shellfish Licenses

<u>License</u>	<u>Number</u>	<u>Cost @</u>
<i>Commercial</i>		
Resident	<u>31</u>	<u>\$150</u>
Nonresident	<u>4</u>	<u>\$300</u>
Senior Resident	<u>0</u>	<u>\$0</u>
Senior Nonresident	<u>0</u>	<u>\$0</u>
Junior/Student Resident	<u>5</u>	<u>\$50</u>
Junior/Student Nonresident	<u>0</u>	<u>\$100</u>
Other: N/A	<u>0</u>	<u>\$0</u>
<i>Recreational</i>		
Resident	<u>600</u>	<u>\$15</u>
Nonresident	<u>60</u>	<u>\$20</u>
Daily/Weekly Monthly Res.	<u>0</u>	<u>\$0</u>
Daily/Weekly Monthly Nonres.	<u>0</u>	<u>\$0</u>
Senior Resident	<u>0</u>	<u>\$0</u>
Senior Nonresident	<u>0</u>	<u>\$0</u>
Junior/Student Resident	<u>0</u>	<u>\$0</u>
Junior/Student Nonresident	<u>0</u>	<u>\$0</u>
Other: N/A	<u>0</u>	<u>\$0</u>

License number determination is based upon: ☐ calculation using survey data
☒ survey data as a guide
☐ harvester input
☐ need/demand

The above numbers are:

- ☐ tentative, the actual numbers to be determined later
- ☒ firm, have been or will be submitted to DMR

Proposed Management Activities

Municipality: Phippsburg

The following management activities will be undertaken during the coming year: (check all that apply)

- ☒ predator protection through fencing, netting, trapping and etc.
- ☒ reseeding from high density areas or with hatchery stock
- ☒ flat surveys to determine size distribution and density
- ☐ harvester surveys to obtain catch and effort data
- ☒ enhance natural seeding through brushing, roughing and etc.
- ☒ establishing conservation areas for flat rotation
- ☐ other:

In order to implement these management activities the committee will utilize: (check all that apply)

- ☒ harvesters vested with conservation credit
- ☐ harvester volunteers
- ☐ paid harvesters
- ☐ municipal employees
- ☐ paid consultants
- ☐ other:

To provide a forum for harvester input in management planning, the shellfish committee plans to meet:

- ☐ annually
- ☐ biannually
- ☐ quarterly
- ☐ bimonthly
- ☒ monthly

Meeting notification for other than regularly scheduled meetings is by:

- ☐ mailing
- ☒ phone call
- ☒ posting
- ☒ newspaper
- ☒ word of mouth

In order to keep the DMR informed and to solicit advice on management activities, the shellfish committee will:

- ☒ request the area biologist to participate in all meetings
- ☐ request the area biologist to participate in only specific meetings
- ☐ invite the area biologist to attend all meetings
- ☐ invite the area biologist to attend only specific meetings

Proposed Activities by Flat**Municipality:** Phippsburg

The following is a list of clam harvest areas in which management activities are planned for the coming year and the probable dates the activities would occur.

☐ No activities are planned. ☐ No specific activities are planned as yet.

Harvest Area	Clam Survey	Seed/Reseed	Predator Control	Brushing/Roughing	Conservation Closure
<i>The Branch</i>	<i>Spring</i>				
<i>Kelp Shed</i>	<i>Spring</i>				
<i>Sprague River</i>	<i>Spring</i>				
<i>Morses River</i>	<i>Spring</i>				
<i>Atkins Bay</i>	<i>Spring</i>				
<i>Wymans Bay</i>	<i>Fall</i>				
<i>Parker Head Pond</i>	<i>Fall</i>				
<i>Brighams Cove</i>		<i>Spring</i>			
<i>The Branch</i>		<i>Spring</i>			
<i>Atkins Bay</i>		<i>Spring</i>			

Summary of Clam Flat Survey Data**Municipality:** Phippsburg

The following is a list of surveys conducted during the past year. Survey data should be attached if not previously provided to DMR. [] No surveys were conducted.

Clam Flat	Survey Date	Acreage	Density (bu/a)	Standing Crop (bu.)	%>2" by vol.
<i>Drummore Bay</i>	<i>5/20</i>	<i>53</i>	<i>27</i>	<i>1,440</i>	<i>87</i>
<i>Brighams Cove</i>	<i>5/20</i>	<i>5.3</i>	<i>3.3</i>	<i>17</i>	<i>98.2</i>
<i>Mill Dam (Inside)</i>	<i>5/20</i>	<i>15.4</i>	<i>34.9</i>	<i>537</i>	<i>83.8</i>
<i>Mill Dam (Outside)</i>	<i>5/20</i>	<i>6.9</i>	<i>18.3</i>	<i>126</i>	<i>87</i>
<i>Pole Point</i>	<i>5/20</i>	<i>11</i>	<i>29.7</i>	<i>328</i>	<i>96.1</i>
<i>Thistles Cove</i>	<i>5/20</i>	<i>6.9</i>	<i>47.7</i>	<i>329</i>	<i>49.6</i>
<i>Back Cove</i>	<i>5/20</i>	<i>5.1</i>	<i>320.4</i>	<i>1,621</i>	<i>37.7</i>
<i>Falls Cove</i>	<i>5/20</i>	<i>3</i>	<i>4.6</i>	<i>14</i>	<i>70.9</i>
<i>Yorks Point East</i>	<i>5/20</i>	<i>7.1</i>	<i>24.9</i>	<i>177</i>	<i>89.5</i>
<i>Yorks Point West</i>	<i>5/20</i>	<i>8.7</i>	<i>42.9</i>	<i>375</i>	<i>94.8</i>
<i>Deckers Cove</i>	<i>5/20</i>	<i>3.2</i>	<i>11.9</i>	<i>38</i>	<i>89.3</i>
<i>Round Cove</i>	<i>10/13</i>	<i>6.2</i>	<i>5.0</i>	<i>31</i>	<i>68.1</i>
<i>North Creek</i>	<i>10/13</i>	<i>13.1</i>	<i>52.3</i>	<i>685</i>	<i>72.2</i>
<i>Lobster House Cove</i>	<i>10/13</i>	<i>15.6</i>	<i>50.8</i>	<i>794</i>	<i>70.5</i>

The flats surveyed represent approximately 24% of the total productive flats.

Summary of Transplant Activities**Municipality:** Phippsburg

The following seeding / reseeding activities were conducted during the past year.

[] No seeding / reseeding activities were conducted.

	Event 1	Event 2	Event 3	Event 4
Date	5/21/06	6/16/06		
Supervisor	Richard Lemont	Richard Lemont		
Crew #	34	9		
Amount	35 bu	8 bu		
Mean Size (in.)	1 1/8	1 1/4		
Size Range (in.)	1/2 - 1 3/4	1/4 - 1 3/4		
Source	N/A	N/A		
Source Flat	Kelp Shed Cove	Kelp Shed Cove		
Receiv. Flat	The Branch	The Branch		
Netted (y/n)	N	N		
Closed until	N/A	N/A		

	Event 5	Event 6	Event 7	Event 8
Date				
Supervisor				
Crew #				
Amount				
Mean Size				
Size Range				
Source				
Source Flat				
Receiv. Flat				
Netted (y/n)				
Closed until				

Summary of Conservation Closures

Municipality: Phippsburg

The following is a list of conservation closures implemented or in effect during the past year.
(This table is for areas normally open.) ☐ No conservation areas were closed.

Conservation Area	Acreage	Closing Date	Opening Date	Days Closed*	Reason
<i>Mill Dam (Inside)</i>	<i>15.4</i>	<i>6/2/05</i>	<i>12/15/06</i>	<i>335</i>	<i>Reseeded</i>

*during 2006

Summary of Conservation Openings

The following is a list of conservation openings implemented or in effect during the past year.
(This table is for areas normally closed.) ☒ No conservation areas were opened.

Conservation Area	Acreage	Opening Date	Closing Date	Days Open*	Reason

*during 2006

Additional Activities**Municipality:** PhippsburgSpatfall Enhancement

The following is a list of activities to promote clam settlement such as brushing, flat roughing, tenting or netting. ☒ No such activities were conducted.

Location	Date	Description

Predator Protection

The following is a list of activities to protect clams from predators such as trapping, netting and hand collecting. ☒ No such activities were conducted.

Location	Date	Description

Other Activities

The following is a list of other activities that benefit, directly or indirectly, the management program such as educational projects, participation in regional councils and shoreline cleanup. ☐ No such activities were conducted.

Location	Date	Description
<i>Town Landings</i>	<i>4/15</i>	<i>Trash Cleanup</i>